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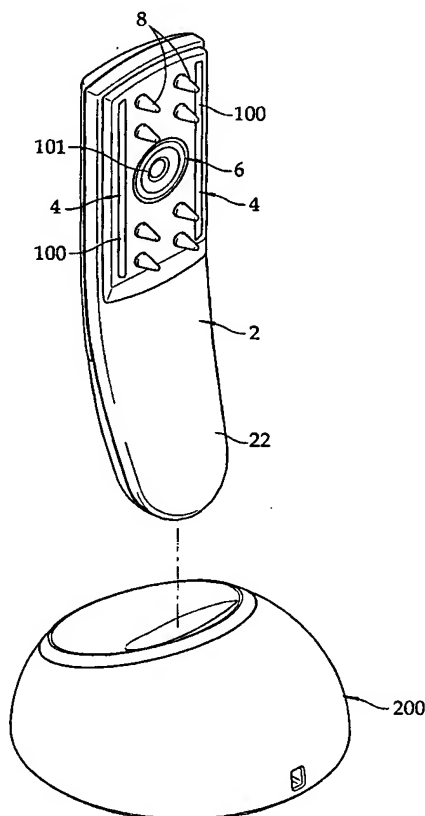
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(54) Title: **ALOPECIA HEALING APPARATUS USING LASER AND LED**



(57) Abstract: Disclosed is an alopecia healing apparatus. The alopecia healing apparatus has a case provided at a first end thereof with a handle section, and a second end thereof with a massage section having a plurality of massage protrusions, a light radiating section including a plurality of LEDs, which are regularly aligned behind the massage protrusions of the case in equidistance, a laser radiating section aligned in the case corresponding to the massage section so as to radiate low-level laser beam, a vibration device installed in the case so as to vibrate the case, a control section including a microcomputer for controlling operations of the light radiating section, the laser radiating section and the vibration device, and a power source for supplying power to the light radiating section and the laser radiating section. The alopecia healing apparatus radiates low-level laser beam and optical pulses of the LEDs onto the scalp, so that the hair-root cells are activated, thereby promoting hair growth. Due to optical pulse of the LEDs and the vibration massage of the vibration device, the scalp is stimulated, so laser beam and drugs are effectively absorbed into the scalp.



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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*